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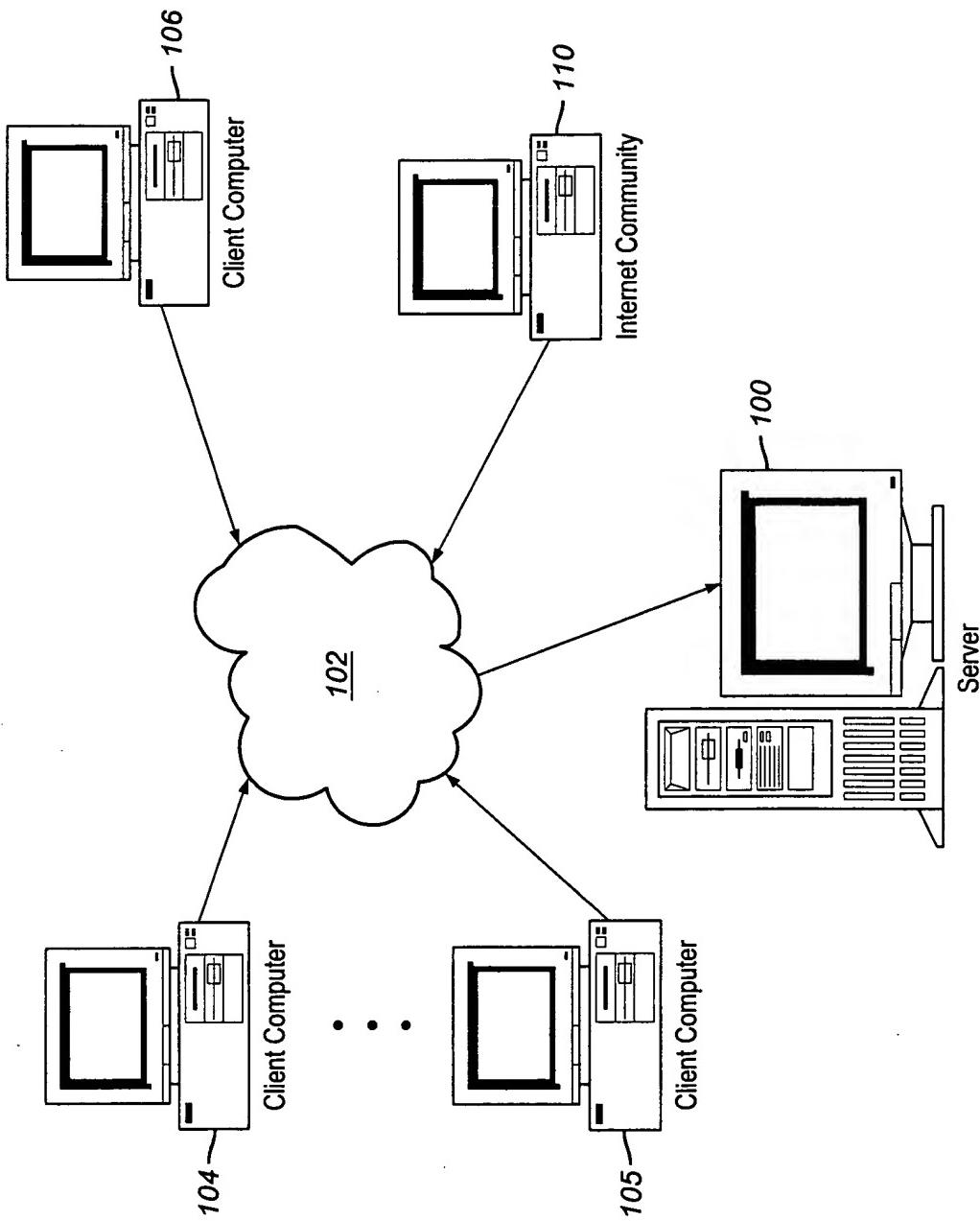


FIG. 1



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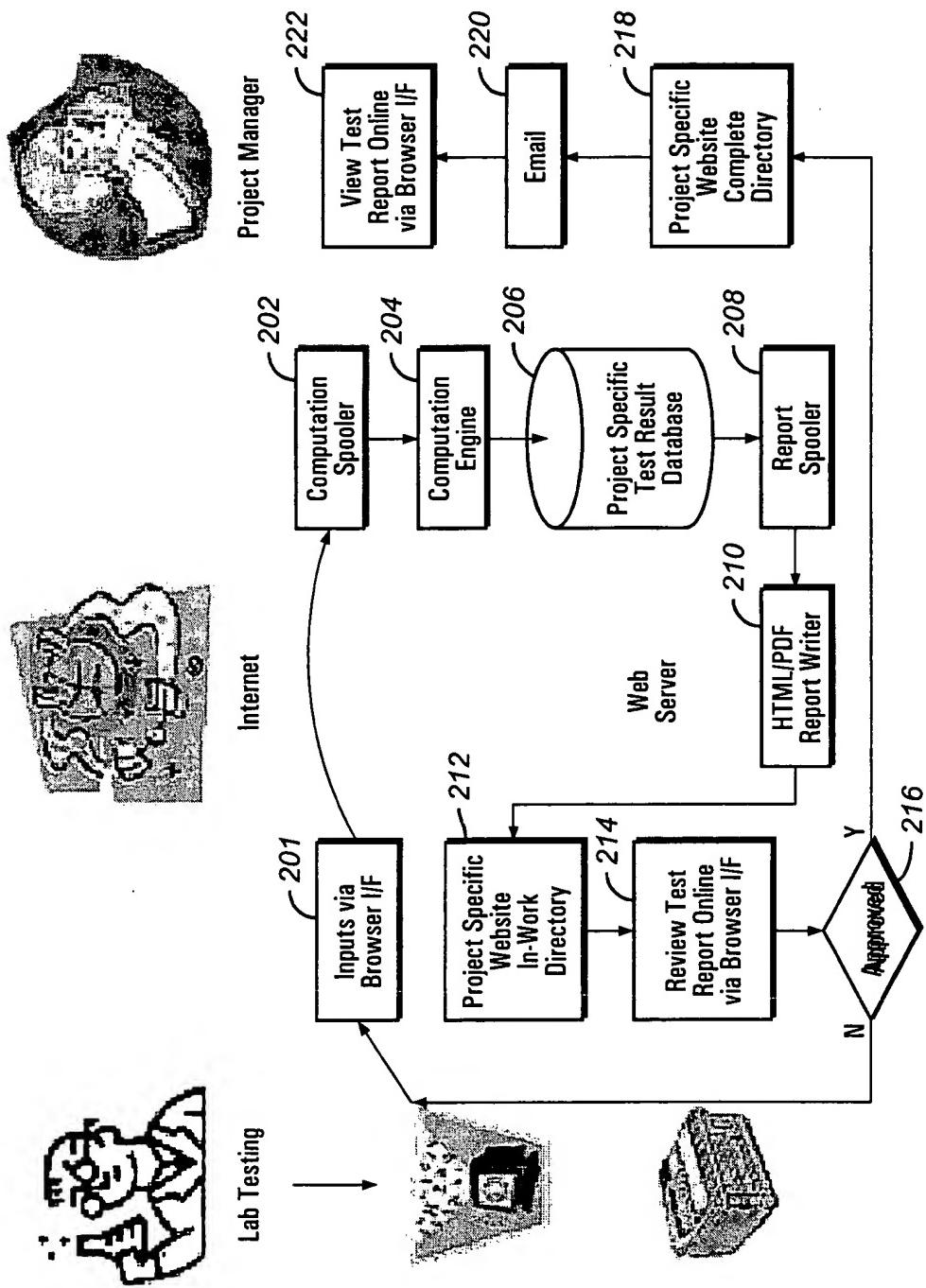


FIG. 2



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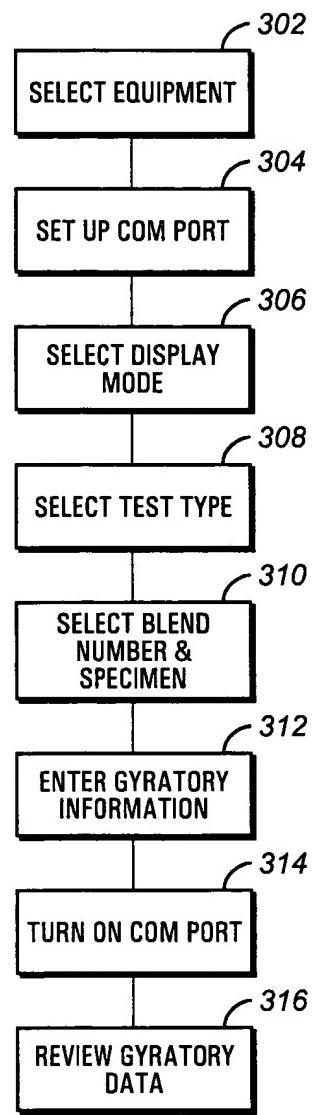


FIG. 3A

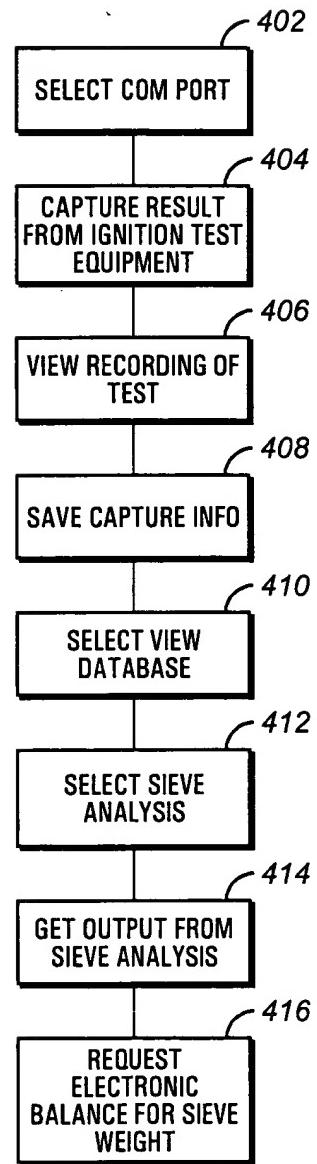


FIG. 4A



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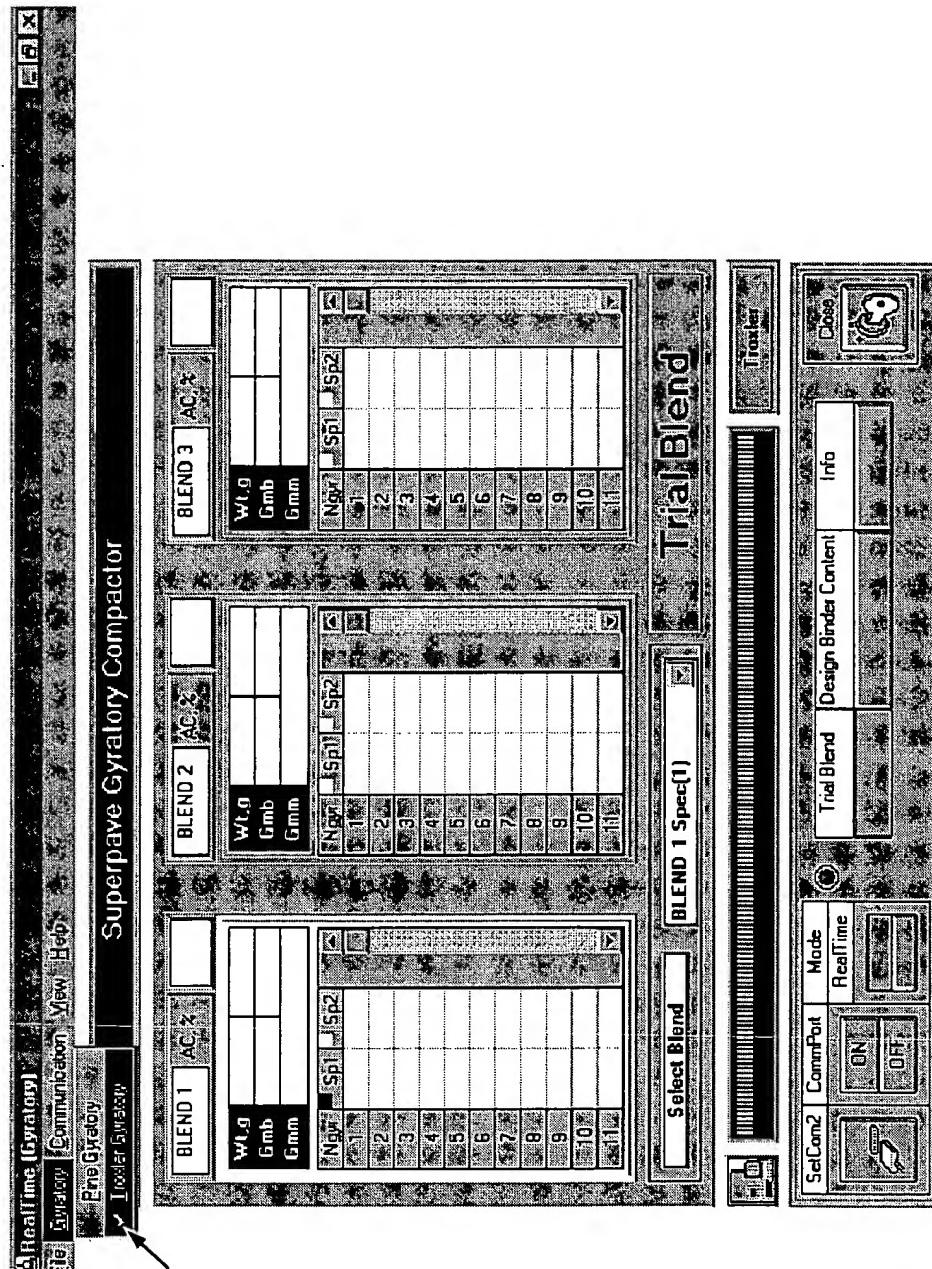


FIG. 3B



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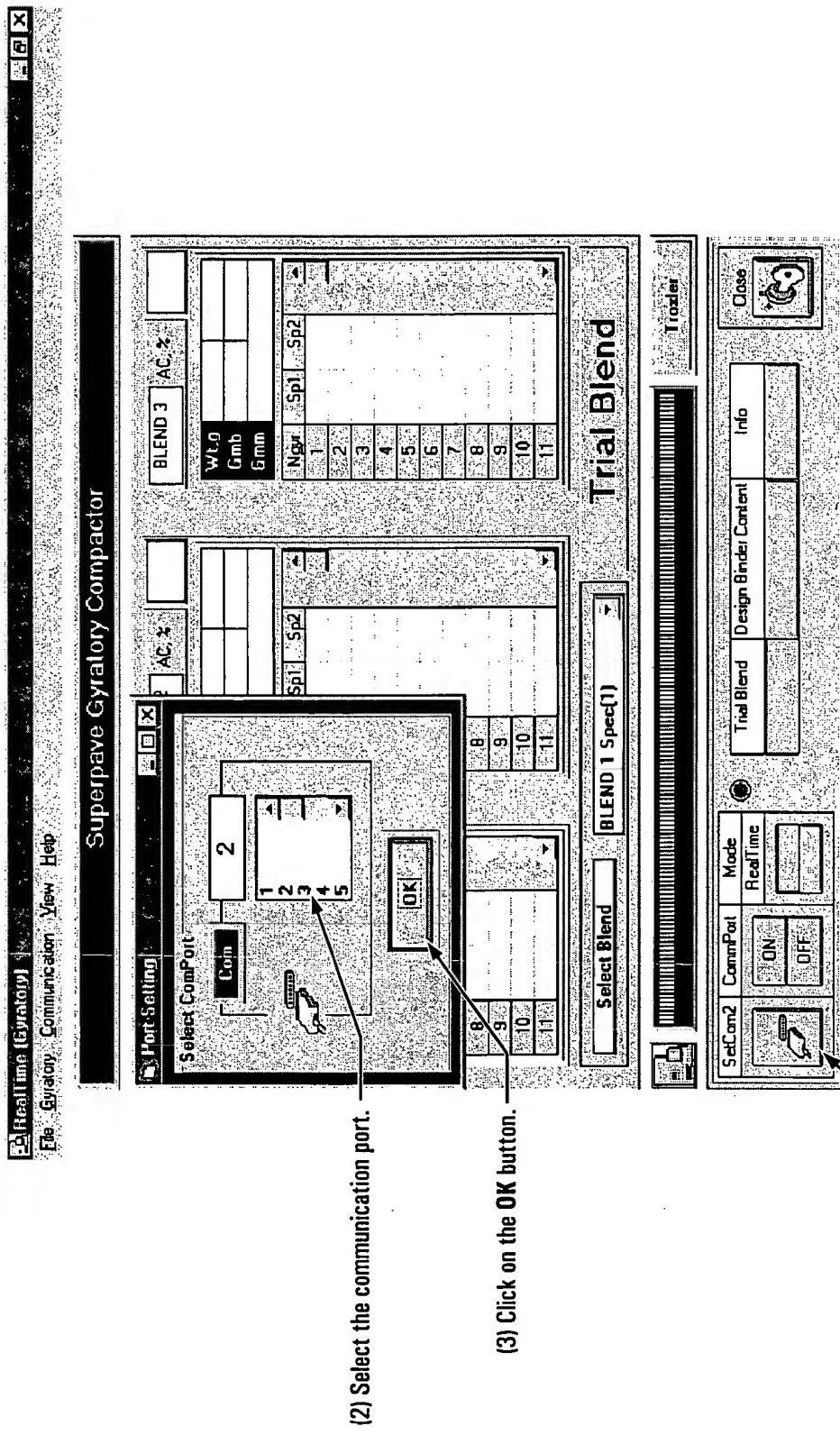


FIG. 3C



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Real Time (Gyratory)		File		Communication		View		Help	
<input checked="" type="checkbox"/>	Real Time (Gyratory)	<input type="checkbox"/>	File	<input type="checkbox"/>	Gyrality	<input type="checkbox"/>	Communication	<input type="checkbox"/>	View
<input type="checkbox"/>	Real Time (Gyratory)	<input type="checkbox"/>	File	<input type="checkbox"/>	Gyrality	<input type="checkbox"/>	Communication	<input type="checkbox"/>	Help
Superpave Gyratory Compactor									
BLEND 1 AC-%		BLEND 2 AC-%		BLEND 3 AC-%		AC-3			
Wt.g Gmb Gmm		Wt.g Gmb Gmm		Wt.g Gmb Gmm		Wt.g Gmb Gmm			
No.	Sp1	Sp2	No.	Sp1	Sp2	No.	Sp1	Sp2	
1			2			3			
4			5			6			
7			8			9			
10			11			12			
Select Blend									
BLEND 1 Spec[1]									
Trial Blend									
Import									
SetCam2									
CamPart									
Mode									
RealTime									
ON									
OFF									
Info									
Dose									

(1) Select the display mode:
Real Time or Import.

(3) Select the blend number and specimen number (Sp1 or 2).

(2) Select the test type: **Trial Blend or Design Binder Content.**

FIG. 3D



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(4) Click on the **File** and **Save As** to save the result

Superpave Gyroratory Compactor

Blend	AC%	Wt.g	Gmb	Gmm
BLEND 1	4.5	4800	2.315	2.561
BLEND 2	AC%	4860	2.325	
BLEND 3	AC%			

Row	Sp1	Sp2	Sp1	Sp2	Row
1	137.7		1		1
2	135.7		2		2
3	134		3		3
4	132.5		4		4
5	131.2		5		5
6	130.1		6		6
7	128.1		7		7
8	127.4		8		8
9	127.4		9		9
10	126.7		10		10
11	126.1		11		11

Trial Blend

Select Blend **BLEND 1 Spec[1]** **INFO**

SetCom2 **CommPort** **Mode** **RealTime** **Design Binder Content** **Info**

ON **OFF**

Close **Locked**

When it is ready to run a test,

- (1) Click on the **INFO** button to enter the information. (or after a test)
- (2) Click on the **Comm Port** switch: **ON** to turn it on.
- (3) Review and check data.

FIG. 3E



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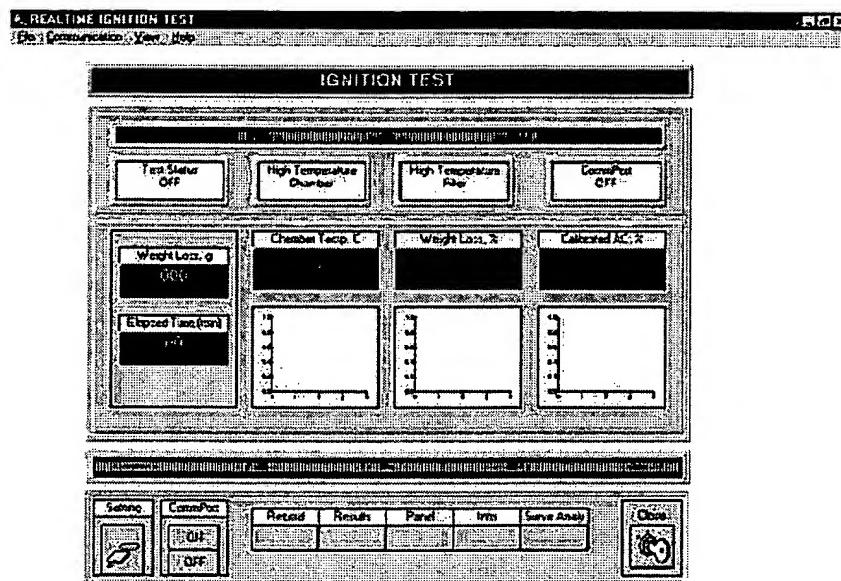


FIG. 4B

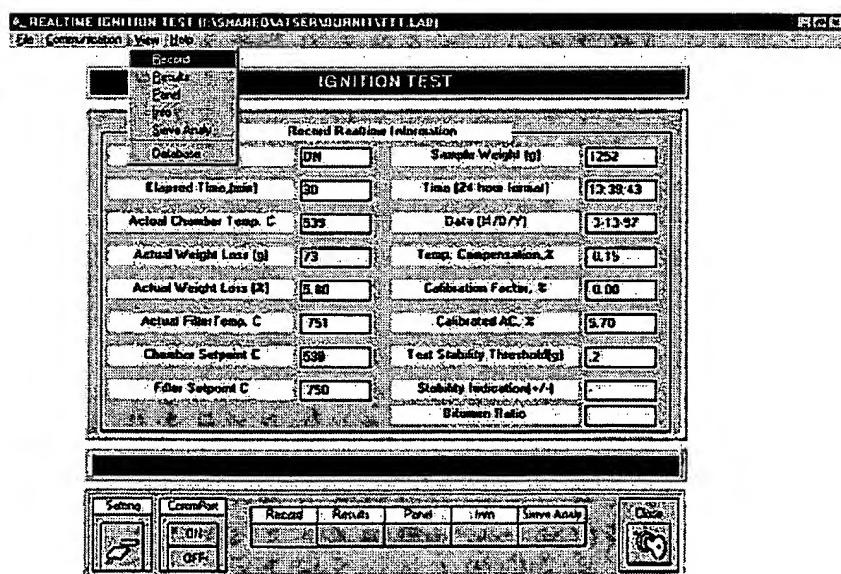


FIG. 4C



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A. REALTIME IGNITION TEST (D:\JOHN\CHUCK4\LAB)

Communication:		Serial	Port	BAUD	Parity	Data	Stop
File	Open						
Edit							
Save As							
Print							
Save To Database							
Print (ON/OFF)			OFF	OFF	OFF	OFF	OFF
Sample Temperature (C)			529	544	545	546	47
Light Loss (m)			0.0	0.0	0.0	0.0	0.0
Actual Weight Loss (%)			0.00	0.00	0.00	0.00	0.0
Actual Filter Temperature (C)			704	701	712	717	71
Chamber Setpoint (C)			540	540	540	540	54
Filter Setpoint (C)			750	750	750	750	75
Sample Weight (g)			1893	1893	1893	1893	189
Time (24 hour format)			15:43:01	15:44:00	15:45:00	15:46:00	15:47
Date (M/D/Y)			02-18-00	02-19-00	02-19-00	02-19-00	02-21
Temperature Compensation (2)			0.00	0.00	0.00	0.00	0.0
Calibrated Factor (2)			0.00	0.00	0.00	0.00	0.0
Calibrated Asphalt Content (2)			0.00	0.00	0.00	0.00	0.0
Test Stability Threshold (g)			0.1	0.1	0.1	0.1	0
Stability Indication (+/-)							
Print							

IGNITION TEST

Control Panel Test Results Print Exit

FIG. 4D

B. REALTIME IGNITION TEST (D:\JOHN\CHUCK4\LAB)

Test No.	Test Status (ON/OFF)	Elapsed Time (min)	Actual Chamber Temperature (C)	Actual Weight Loss (g)	Actual Filter Temperature (C)	Chamber Setpoint (C)
1	ON	30	5.6	5.8	751	539
2	ON	30	5.9	5.8	751	629
3	ON	30	5.6	5.8	751	539
4	ON	30	5.6	5.8	751	539
5	ON	30	5.8	5.8	751	539
6	ON	30	5.8	5.8	751	539
7	ON	30	5.8	5.8	751	539
8	ON	30	5.8	5.8	751	539
9	ON	30	5.8	5.8	751	539
10	ON	30	5.8	5.8	751	539
11	ON	30	5.8	5.8	751	539
12	ON	30	5.8	5.8	751	539
13	ON	30	5.8	5.8	751	539
14	ON	30	5.8	5.8	751	539
15	ON	30	5.8	5.8	751	539
16	ON	30	5.8	5.8	751	539
17	ON	30	5.8	5.8	751	539
18	ON	30	5.8	5.8	751	539
19	ON	30	5.8	5.8	751	539
20	ON	30	5.8	5.8	751	539
21	ON	30	5.8	5.8	751	539
22	ON	30	5.8	5.8	751	539
23	ON	30	5.8	5.8	751	539
24	ON	30	5.8	5.8	751	539
25	ON	30	5.8	5.8	751	539
26	ON	30	5.8	5.8	751	539
27	ON	30	5.8	5.8	751	539
28	ON	30	5.8	5.8	751	539
29	ON	30	5.8	5.8	751	539
30	ON	30	5.8	5.8	751	539
31	ON	30	5.8	5.8	751	539
32	ON	30	5.8	5.8	751	539
33	ON	30	5.8	5.8	751	539
34	ON	30	5.8	5.8	751	539
35	ON	30	5.8	5.8	751	539
36	ON	30	5.8	5.8	751	539
37	ON	30	5.8	5.8	751	539
38	ON	30	5.8	5.8	751	539
39	ON	30	5.8	5.8	751	539
40	ON	30	5.8	5.8	751	539
41	ON	30	5.8	5.8	751	539
42	ON	30	5.8	5.8	751	539
43	ON	30	5.8	5.8	751	539
44	ON	30	5.8	5.8	751	539
45	ON	30	5.8	5.8	751	539
46	ON	30	5.8	5.8	751	539
47	ON	30	5.8	5.8	751	539
48	ON	30	5.8	5.8	751	539
49	ON	30	5.8	5.8	751	539
50	ON	30	5.8	5.8	751	539
51	ON	30	5.8	5.8	751	539
52	ON	30	5.8	5.8	751	539
53	ON	30	5.8	5.8	751	539
54	ON	30	5.8	5.8	751	539
55	ON	30	5.8	5.8	751	539
56	ON	30	5.8	5.8	751	539
57	ON	30	5.8	5.8	751	539
58	ON	30	5.8	5.8	751	539
59	ON	30	5.8	5.8	751	539
60	ON	30	5.8	5.8	751	539
61	ON	30	5.8	5.8	751	539
62	ON	30	5.8	5.8	751	539
63	ON	30	5.8	5.8	751	539
64	ON	30	5.8	5.8	751	539
65	ON	30	5.8	5.8	751	539
66	ON	30	5.8	5.8	751	539
67	ON	30	5.8	5.8	751	539
68	ON	30	5.8	5.8	751	539
69	ON	30	5.8	5.8	751	539
70	ON	30	5.8	5.8	751	539
71	ON	30	5.8	5.8	751	539
72	ON	30	5.8	5.8	751	539
73	ON	30	5.8	5.8	751	539
74	ON	30	5.8	5.8	751	539
75	ON	30	5.8	5.8	751	539
76	ON	30	5.8	5.8	751	539
77	ON	30	5.8	5.8	751	539
78	ON	30	5.8	5.8	751	539
79	ON	30	5.8	5.8	751	539
80	ON	30	5.8	5.8	751	539
81	ON	30	5.8	5.8	751	539
82	ON	30	5.8	5.8	751	539
83	ON	30	5.8	5.8	751	539
84	ON	30	5.8	5.8	751	539
85	ON	30	5.8	5.8	751	539
86	ON	30	5.8	5.8	751	539
87	ON	30	5.8	5.8	751	539
88	ON	30	5.8	5.8	751	539
89	ON	30	5.8	5.8	751	539
90	ON	30	5.8	5.8	751	539
91	ON	30	5.8	5.8	751	539
92	ON	30	5.8	5.8	751	539
93	ON	30	5.8	5.8	751	539
94	ON	30	5.8	5.8	751	539
95	ON	30	5.8	5.8	751	539
96	ON	30	5.8	5.8	751	539
97	ON	30	5.8	5.8	751	539
98	ON	30	5.8	5.8	751	539
99	ON	30	5.8	5.8	751	539
100	ON	30	5.8	5.8	751	539
101	ON	30	5.8	5.8	751	539
102	ON	30	5.8	5.8	751	539
103	ON	30	5.8	5.8	751	539
104	ON	30	5.8	5.8	751	539
105	ON	30	5.8	5.8	751	539
106	ON	30	5.8	5.8	751	539
107	ON	30	5.8	5.8	751	539
108	ON	30	5.8	5.8	751	539
109	ON	30	5.8	5.8	751	539
110	ON	30	5.8	5.8	751	539
111	ON	30	5.8	5.8	751	539
112	ON	30	5.8	5.8	751	539
113	ON	30	5.8	5.8	751	539
114	ON	30	5.8	5.8	751	539
115	ON	30	5.8	5.8	751	539
116	ON	30	5.8	5.8	751	539
117	ON	30	5.8	5.8	751	539
118	ON	30	5.8	5.8	751	539
119	ON	30	5.8	5.8	751	539
120	ON	30	5.8	5.8	751	539
121	ON	30	5.8	5.8	751	539
122	ON	30	5.8	5.8	751	539
123	ON	30	5.8	5.8	751	539
124	ON	30	5.8	5.8	751	539
125	ON	30	5.8	5.8	751	539
126	ON	30	5.8	5.8	751	539
127	ON	30	5.8	5.8	751	539
128	ON	30	5.8	5.8	751	539
129	ON	30	5.8	5.8	751	539
130	ON	30	5.8	5.8	751	539
131	ON	30	5.8	5.8	751	539
132	ON	30	5.8	5.8	751	539
133	ON	30	5.8	5.8	751	539
134	ON	30	5.8	5.8	751	539
135	ON	30	5.8	5.8	751	539
136	ON	30	5.8	5.8	751	539
137	ON	30	5.8	5.8	751	539
138	ON	30	5.8	5.8	751	539
139	ON	30	5.8	5.8	751	539
140	ON	30	5.8	5.8	751	539
141	ON	30	5.8	5.8	751	539
142	ON	30	5.8	5.8	751	539
143	ON	30	5.8	5.8	751	539
144	ON	30	5.8	5.8	751	539
145	ON	30	5.8	5.8	751	539
146	ON	30	5.8	5.8	751	539
147	ON	30	5.8	5.8	751	539
148	ON	30	5.8	5.8	751	539
149	ON	30	5.8	5.8	751	539
150	ON	30	5.8	5.8	751	539
151	ON	30	5.8	5.8	751	539
152	ON	30	5.8	5.8	751	539
153	ON	30	5.8	5.8	751	539
154	ON	30	5.8	5.8	751	539
155	ON	30	5.8	5.8	751	539
156	ON	30	5.8	5.8	751	539
157	ON	30	5.8	5.8	751	539
158	ON	30	5.8	5.8	751	539
159	ON	30	5.8	5.8	751	539
160	ON	30	5.8	5.8	751	539
161	ON	30	5.8	5.8	751	539
162	ON	30	5.8	5.8	751	539
163	ON	30	5.8	5.8	751	539
164	ON	30	5.8	5.8	751	539
165	ON	30	5.8	5.8	751	539
166	ON	30	5.8	5.8	751	539
167	ON	30	5.8	5.8	751	539
168	ON	30	5.8	5.8	751	539
169	ON	30	5.8	5.8	751	539
170	ON	30	5.8	5.8	751	539
171	ON	30</td				



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FIG. 4F